

Abstract of the Disclosure

A laser-transmissible resin composition for laser welding comprises 100 parts by weight of a thermoplastic resin, 0.01 to 3
5 parts by weight of titanium oxide that has density of at least 4 g/cm³ and an average particle size of 100 to 400 nm; and exhibiting whitish hue of white, gray or tint color. A method for laser welding comprises: piling a resin workpiece 2 being at least partly capable of the laser-absorption onto a laser-transmissible
10 resin workpiece 1 that molded out of the laser-transmissible resin composition, irradiating a laser beam 3 thereto to weld thermally.